

Converting Colors

Hex(6A0074)

Have a look what the booklet for
Hex(6A0074) contains.

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Color

Hex(6A0074)

Conversions

Conversions Part 1

Format	Color
Hex	6A0074
RGB	106, 0, 116
RGB Percent	42%, 0%, 45%
CMY	0.5843, 1.0000, 0.5451
CMYK	0.09, 1.00, 0.00, 0.55
HSL	295°, 100%, 23%
HSV	295°, 100%, 45%
XYZ	9.0962, 4.3251, 16.8784
YIQ	44.9180, 25.9400, 58.5480

Conversions

Conversions Part 2

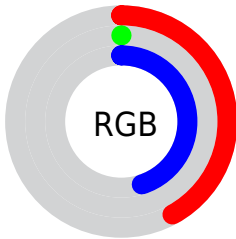
Format	Color
RYB	106, 0, 116
Decimal	6946932
CIELab	24.72, 53.20, -37.23
CIELCh	25, 64.931, 325.011
Yxy	4.3251, 0.3002, 0.1427
Android (android.graphics.Color)	4285137012 (0xFF6A0074)
YUV	44.9180, 35.0434, 53.5689
Hunter-Lab	20.7969, 41.6784, -33.5608

Details

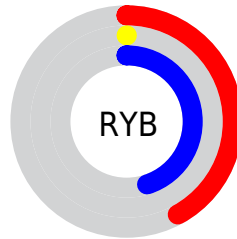
The Hex color **6A0074** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0A7400**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A142A9**, and **360043** is the 20% darker color. If you saturate the color by 10%, you get **6A0074**, and if you desaturate by 10%, it is **6B0C74**.

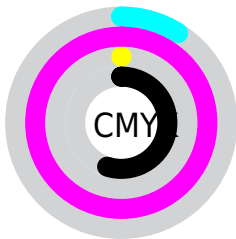
Distribution



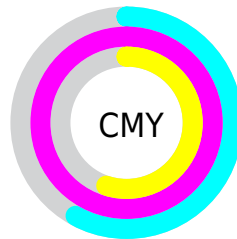
- Red (42%)
- Green (0%)
- Blue (45%)



- Red (42%)
- Yellow (0%)
- Blue (45%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0074 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6A0074 by changing the saturation by 10% instead.

 6A0074

 6A0074

FFFFFF

 50005B

 A142A9

 360043

 BD5DC4

 1D002C

 DA78E0

 000116

 F793FD

 000000

 FFAFFF

 FFCBFF

 FFE8FF

 6A0074

 6B0C74


 6C1774

 6D2374

 6E2E74

 6F3A74

 704674

 715174

 725D74

 736874

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003296



6A0074



880045

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6A0074



503600



004D63

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6A0074



0A7400

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004C31



6A0074



1F4400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6A0074



731A00



004A00



004C8C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6A0074



8B0025



004A00



004D53

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6A0074



936996



000C74



4A314D



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6A0074



890096



740046



3A353B



70007A



E400FA

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74000A



96000D



00742E



3B3535



7A000B



FA0016

Previews

White Background



This preview shows how the Hex color 6A0074 looks on a white background.

Color Contrast Check

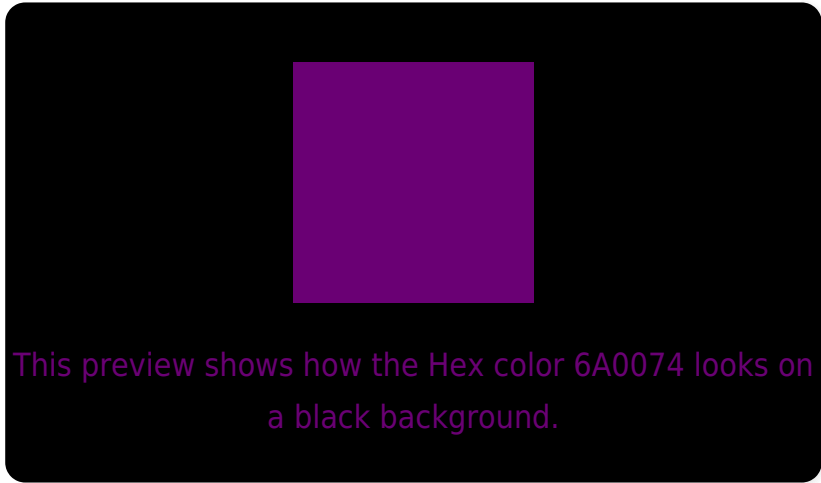
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

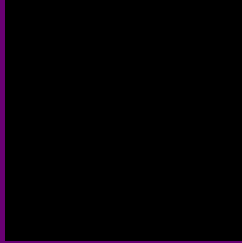
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6A0074 Background



This preview shows how black text looks on a background with the Hex color 6A0074.



This preview shows how white text looks on a background with the Hex color 6A0074.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6A0074

Protanopia
003C7F

Deuteranopia
173F6D



Tritanopia
622E31

Trichromacy



Original Color
6A0074



Protanomaly
27267B



Deuteranomaly
352870



Tritanomaly
651D49

Monochromacy



Original Color
6A0074



Achromatopsia
2D2D2D



Achromatomaly
431D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0074 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6A0074 looks like.

```
.text, #text, p{  
    color:#6A0074  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6A0074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0074
}
```

Border

The CSS property to change the border of an element to Hex 6A0074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

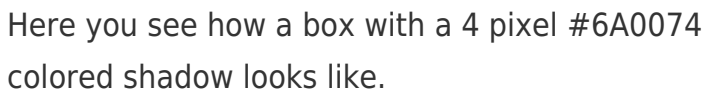
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0074 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6A0074 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6A0074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0074; -webkit-box-shadow:4px 4px  
4px 4px #6A0074; box-shadow:4px 4px 4px  
4px #6A0074 }
```

Background

The CSS property to change the background color of an element to Hex 6A0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0074 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6A0074 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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